FORM	PTO-	1449 U.S. Dept. of Commerce	Atty Docket No.	Serial No.				
		Patent and Trademark Office	e P1003R1C1D1	To Be Aspigne				
LICT	OE DI		Applicant					
		SCLOSURES CITED BY APPLICANT	Akita et al.	×25				
(L	lse sev	reral sheets if necessary)	Filing Date 04 Apr 2001	Group 500				
		OFFICE PRODUCTION AND THE PRODUCTION OF THE PROD		40				
		OTHER DISCLOSURES (Including Author, Title, Da	•	Ď 🚟				
CY	*25	Kraus et al., "Isolation and characterization of ERBB3, a third member of the ERBB/epidermal growt factor receptor family: Evidence for overexpression in a subset of human mammary tumors" <a href="Proc. Nat Acad. Sci. USA 86:9193-9197">Proc. Nat Acad. Sci. USA 86:9193-9197</a> (Dec 1989)						
¢γ	*26	Lee et al., "Assignment of heregulin (HGL) to human chromoso hybrid DNA" <u>Genomics</u> 16:790-791 (1993)	me 8p22-p11 by PCR analy	ysis of somatic cell				
су	*27	Lemoine et al., "Expression of the ERBB3 gene product in bre	ast cancer" <u>Br. J. Canc</u> e	<u>er</u> 66:1116-1121 (1992				
CY	*28	Lemoine et al., "The erbB-3 gene in human pancreatic cancer" <u>J. Pathol.</u> 168:269-273 (1992)						
CY	*29	Levi et al., "The Influence of Heregulins on Human Schwann Cell Proliferation" <u>J. Neuroscience</u> 15(2):1329-1340 (Feb 1995)						
CY	*,30	Requirement of ErbB2 as a Critical Component in Mediating He 56:1457-1465 (Mar 15, 1996)	Lewis et al., "Growth Regulation of Human Breast and Ovarian Tumor Cells by Heregulin: Evidence for the Requirement of ErbB2 as a Critical Component in Mediating Heregulin Responsiveness" <u>Cancer Research</u> 56:1457-1465 (Mar 15, 1996)					
cγ	*31	Marchionni et al., "Glial growth factors are alternatively spliced erbB2 ligands expressed in the nervous system" <u>Nature</u> 362:312-318 (1993)						
СА	*32	Morrissey et al., "Axon-induced mitogenesis of human Schwann Proc. Natl. Acad. Sci. USA 92:1431-1435 (Feb 1995)	cells involves heregul	in and p185erbB2"				
cy	*33	Orr-Urtreger et al., "Neural expression and chromosomal mapp 8p12-p21" Proc. Natl. Acad. Sci. USA 90:1867-1871 (1993)	ing of Neu differentiat	on factor to				
СЧ	*34	Peles et al., "Isolation of the Neu/HER-2 Stimulatory Ligand Differentiation of Mammary Tumor Cells" <u>Cell</u> 69(1):205-216 (		That Induces				
ck	*35	Plowman et al., "Heregulin induces tyrosine phosphorylation Nature) 366:473-475 (Dec 2, 1993)	of HER4/p180erbB4" <u>Natur</u>	e (Letters to				
cy	*36	Plowman et al., "Ligand-specific activation of HER4/p180erbs factor receptor family" Proc. Natl. Acad. Sci. USA 90:1746-1		e epidermal growth				
CY,	*37	Plowman et al., "Molecular cloning and expression of an addi receptor-related gene" <a href="Proc. Natl. Acad. Sci.">Proc. Natl. Acad. Sci.</a> 87:4905-4909 (		factor				
CY	*38	Poller et al., "Production and characterization of a polyclo examination of c-erbB-3 protein expression in adenocarcinoma	The state of the s					
CY.	*39	Rajkumar et al., "A monoclonal antibody to the human c-erbB3 anchorage-independent growth of breast cancer cell lines" <a <u="" antibody="" by="" c-erbb-3="" determined="" expression="" gastrointestinal="" href="https://example.com/Br/&gt; Br/ Br/ Br/ Br/ Br/ Br/ Br/ Br/ Br/ Br/&lt;/td&gt;&lt;td&gt;=&lt;/td&gt;&lt;td&gt;55 (1994)&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;CY&lt;/td&gt;&lt;td&gt;*40&lt;/td&gt;&lt;td colspan=5&gt;Rajkumar et al., " in="" monoclonal="" of="" protein="" rtj1"="" the="" tract="" tumours="">J. Pathol. (Published erratum appears in J.Pathol.1993 Oct;171(2):154) 170:271-278 (1993)</a>						
c۲	*41	Ram et al., "Mitogenic Activity of Neu Differentiation Factor/Heregulin Mimics That of Epidermal Growth Factor and Insulin-Like Growth Factor-1 in Human Mammary Epithelial Cells" <u>J. Cellular Physiology</u> 163:589-596 (1995)						
CY	*42	Sanidas et al., "Expression of the c-erbB-3 gene product in (1993)	gastric cancer" <u>Int. J.</u>	<u>Cancer</u> 54:935-940				
CY	*43	Slamon et al., "Human Breast Cancer: Correlation of Relapse a HER-2/neu Oncogene" <u>Science</u> 235:177-182 (Jan 9, 1987)	and Survival with Amplif	ication of the				
CY	*44		uman Breast and Ovarian	Cancer" <u>Science</u>				
Examine	r	1	Date Considered					
	Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation							
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation								
ii not	if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Sheet  $\frac{1}{2}$  of  $\frac{3}{2}$ Serial No Atty Docket No. FORM PTO-1449 U.S. Dept. of Commerce P1003R1C1D1 Patent and Trademark Office Applicant LIST OF DISCLOSURES CITED BY APPLICANT Akita et al. Filing Date Group (Use several sheets if necessary) 1642 04 Apr 2001 **U.S. PATENT DOCUMENTS** Examiner Initials Document Number Date Name Class Subclass Filing Date 4,975,278 04.12.90 CY Senter et al. cY \* 2 5,183,884 02.02.93 Kraus et al. \* 3 5,480,968 02.01.96 Kraus et al. CY 5,968,511 19.10.99 Akita et al. **FOREIGN PATENT DOCUMENTS** Hansla Examiner Initials Document Number Date Country Class Subclass Yes No: 0,599,274 A1 01.06.94 EPO CY 6 444,961 04.09.91 EPO CY \* 7 502,812 09.09.92 EPO CY \* 8 WO 91/08214 13.06.91 PCT CY CY \* 9 WO 92/20798 26.11.92 PCT \*10 WO 93/16185 19.08.93 PCT CY \*11 WO 93/21319 28.10.93 PCT \*12 WO 94/04679 03.03.94 PCT CY \*13 WO 94/08007 14.04.94 PCT CY WO 94/22478 13.10.94 \*14 PCT WO 95/14776 01.06.95 \*15 РСТ OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.) Bacus et al., "Expression of the erbB-2 Family of Growth Factor Receptors and Their Ligands in Breast Cancers" Pathology Patterns (Suppl.1) 102(4):S13-S24 (1994) CY \*16 Falls et al., "ARIA, a protein that stimulates acetylcholine receptor synthesis, is a member of the Neu ligand family" Cell 72:801-815 (1993) \*17 CY Fendly et al., "Characterization of Murine Monoclonal Antibodies Reactive to Either the Human Epidermal Growth Factor Receptor or HER2/neu Gene Product" Cancer Research 50:1550-1558 (Mar 1, 1990) \*18 CY Friess et al., "Enhanced erbB-3 Expression in Human Pancreatic Cancer Correlates with Tumor Progression" Clinical Cancer Research 1:1413-1420 (1995) CY \*19 Griffiths et al., "Human Anti-Self Antibodies With High Specific From Phage Display Libraries" EMBO Journal 12(2):725-734 (1993) CY \*20 Guy et al., "Insect Cell-expressed p180<sup>erpB3</sup> Possesses an Impaired Tyrosine Kinase Activity" <u>Proc. Natl.</u> \*21 <u>Acad. Sci. USA</u> 91:8132-8136 (August 1994) CY Holmes et al., "Identification of Heregulin, a Specific Activator of p185erpB2" <u>Science</u> 256:1205-1210 (May 22, 1992) \*22 CY Kim et al., "Epidermal growth factor-dependent association of phosphatidylinositol 3-kinase with the CY erbB3 gene product" Journal of Biological Chemistry 269(40):24747-24755 (1994) \*23 Kraus et al., "Demonstration of ligand-dependent signaling by the erbB-3 tyrosine kinase and its constitutive activation in human breast tumor cells" <u>Proc. Natl. Acad. Sci.</u> 90:2900-2904 (1993) CY. \*24

\*Examiner: Initial if reference donsidered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner

Date Considered

10.10.02

FORivi PTO-1449 U.S. Dept. of Commerce			Atty Docket No.	Serial No.			
		Patent and Trademark Office	P1003R1C1D1	To Be Assigned			
	05.5		Applicant				
LIST OF DISCLOSURES CITED BY APPLICANT			Akita et al.				
(L	Jse sev	eral sheets if necessary)	Filing Date	Group			
			04 Apr 2001	To Be Assigned			
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)							
0.4	*45						
CY	45						
cy	*46	Wallasch et al., "Heregulin-dependent regulation of HER2/neu oncogenic signaling by heterodimerization with HER3" <u>EMBO Journal</u> 14(17):4267-4275 (1995)					
CY	*47	Wen et al., "Neu differentiation factor: a transmembrane glycop Immunoglobulin Homology Unit" <u>Cell</u> 69(3):559-572 (1992)					
CX	*48	Wen et al., "Structural and functional aspects of the multiplicity of neu differentiation factors" Molecular & Cellular Biology 14(3):1909-1919 (1994)					
		·					
	:						
			*				
Examine	er C	Di	ate Considered				
		hous you of Ya	10.10.07	<u> </u>			
	*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

FORM PTO-1449			· -	U.S. Dept. of Commerce	Atty Docket No.	Serial No. 09/825,584
				Patent and Trademark Office	Applicant	
		SCLOSURES CITED B	1	AY 0 7 2002 6	Akita et al.	Group
(Use several sheets if necessary)				AT 0 7 2002 551	Filing Date 04 Apr 2001	1643- 1642
			· Prince	FOREIGN PATENT DOCUMENTS	-	
Examiner Initials		Document Number	Date	Country		Subclass Translation Yes No
کم	49	WO 97/20858	12.06.97	PCT		
						- R - R - R - R - R - R - R - R - R - R
						RECEIVE MAY 1 0 2002 CH CENTER 1600/
						ECEIVE MAY 1 0 2002 CENTER 1600/
						H
						₩ # M
						RECEIVED  MAY 1 0 2002  ECH CENTER 1600/2900
				·		
		1				
			<u> </u>	0.]	10/1	
Examine		Christoph 1	-14 <sub>6</sub>	Da	te Considered	02
*Examin	er: Ini	tial if reference consider	red, whether or n	ot citation is in conformance with MPEP 6 py of this form with next communication to		

Sheet	1	of	1
OHEEL		VI.	

FORM PTO-1449.

AUG 1 2 2012

LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

U.S. Dept. of Commerce

Patent and Trademark Office

Atty Docket No. P1003R1C1D1

Serial No. 09/825,584

Applicant

Akita et al. Filing Date

04 Apr 2001

Group 1642

## **U.S. PATENT DOCUMENTS**

			U.S. PATENT DOCUMENTS			
Examiner nitials	Document Number	Date	. Name	Class	Subclass	Filing Date
CY 5	0 5,783,186	21.07.98	Arakawa et al.			
CY 5						Filing Date
		,		a Considered		

Examiner

Christiph HYan

Date Considered

10.17.02

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.